



May 14, 2010

Mr. Earl Nelson
Department of Water Resources
3310 El Camino Avenue, Room 110
Sacramento, CA 95821

Subject: Final Report for SAP Contract No. 4600003312 – Dry Creek Parkway

Dear Mr. Nelson:

SAFCA has successfully completed the tasks for the Dry Creek Watershed Flood Control and Environmental Enhancement Project and has fully billed DWR for the FPCP share of project costs. The final report and outside audit are enclosed. As you will see, the FPCP grant has enabled DWR and SAFCA together with our other partners to conserve 72.6 acres of floodplain open space, remove an obsolete dam obstructing salmon migration, and control the stream-choking weed red sesbania within the Dry Creek Watershed. We at SAFCA are quite pleased with the results of the partnership, and hope that you and your staff at DWR are as well.

Thank you. Please call me at (916) 874-7606 if you have any questions about the project.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tim Washburn", with a long, sweeping underline.

Tim Washburn
Director of Planning

Enclosures

cc (w/enclosures): Lin Ho
Mick Klasson

Office 916-874-7606
FAX 916-874-8289

1007 - 7th Street, 7th Floor
Sacramento, CA 95814-3407

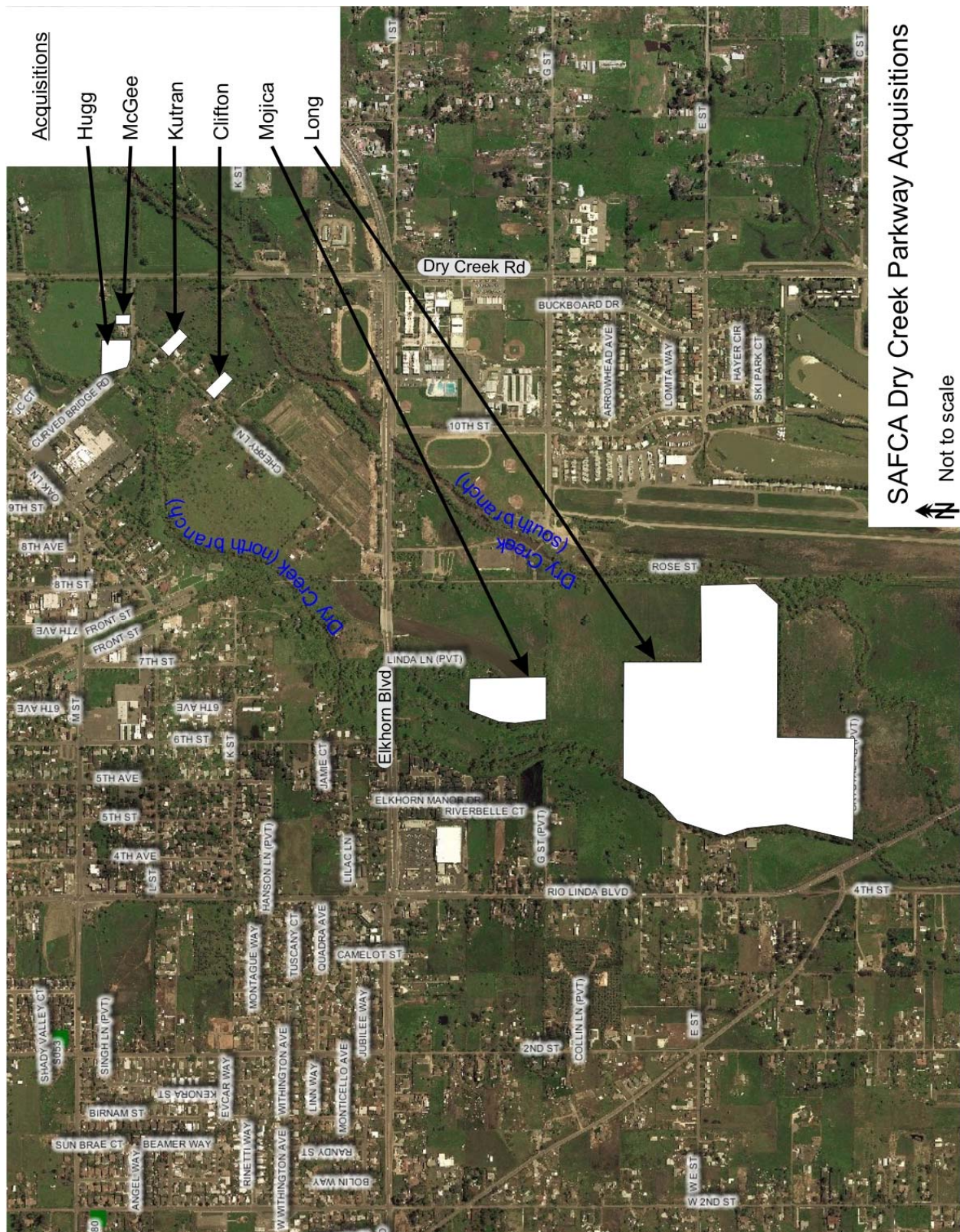
Dry Creek Watershed Flood Control and Environmental Enhancement Project
SAP Contract No. 4600003312
Quarterly Report – 2009 Quarter 4
Sacramento Area Flood Control Agency (SAFCA)
Contact: Tim Washburn (916) 874-7606

The Sacramento Area Flood Control Agency (SAFCA) successfully completed the Dry Creek Watershed Flood Control and Environmental Enhancement Project (Dry Creek Project) with the aid of the California Department of Water Resources (DWR) Flood Protection Corridor Program (FPCP) grant. The grant, originally awarded in 2003, was amended twice to allow SAFCA additional time to meet project objectives and to move funding from easements, for which no willing sellers were identified, to acquisition of fee title and renovation of the Hayer Dam. Project activities are summarized below.

Task 1: Acquisition of Fee Title to Floodplain Properties

The grant was used to acquire fee title to six properties in the Dry Creek floodplain in unincorporated Sacramento County near the community of Rio Linda (see figure on following page). Properties were acquired in conjunction with project partners the County of Sacramento and the Sacramento Valley Conservancy. These properties included open space and parcels with homes and structures on them. Acquiring the properties and removing structures where appropriate protects and enhances floodplain storage and conveyance capacity, benefiting remaining structures upstream and downstream of the site. The open space will become part of the Dry Creek Parkway managed by County of Sacramento Regional Parks. Properties acquired are summarized below.

Assessor's Parcel		
Parcel	No.	Acres
Long	214-0130-008-0000; 214-0130-009-0000; 214-0160-024-0000; 214-0160-034-0000; portion of 214-0160- 001-0000	62.5
Mojica	214-0080-015-0000	7.45
Kutran	207-0312-002-0000	0.56
Hugg	207-0142-016-0000	1.35
Clifton	207-0312-007-0000	0.56
McGee	207-0142-009-0000	0.21
Total Acreage		72.63



Long Property



Photo looking west at the Eldie Long property from the south branch of Dry Creek, which forms the eastern property line. The north branch of Dry Creek, visible as the riparian zone on the horizon in this picture, forms the western property line. The property can flood from either branch, so it was beneficial to acquire it before it could be developed.

Mojica Property



Photo looking north at the Mojica property. This property is partially occupied by a flood overflow channel between the branches of Dry Creek, so it was key to keep it in open space.

Kutran Property



Kutran property as seen from Cherry Lane. This property adjoins an overflow channel between the north and south branches of Dry Creek. The house will be removed after the grant term has ended.

Hugg Property



Photo of Hugg property as seen from Covered Bridge Road. The north branch of Dry Creek, on the left edge of this photograph, forms the western property line.

Clifton Property



Clifton property as seen looking southwest from Cherry Lane. A home on the property was removed as part of the project. This property lies between the north and south branches of Dry Creek.

McGee Property



McGee property looking north from Covered Bridge Road (white fence in mid-ground is at property boundary). A home on the property was removed as part of the project. This property lies between the north and south branches of Dry Creek.

Task 2: Acquisition of Open Space Easements on Floodplain Properties

This task was removed from the scope of work and funding was moved to Tasks 1 and 3, enabling fee acquisition of more properties and completion of a more effective and environmentally improved Hayer Dam renovation.

Task 3: Hayer Dam Site Renovation and Dry Creek Debris Removal

Hayer Dam was a privately constructed dam across Dry Creek that at times created an obstruction to fish passage. A flatcar bridge across the dam site was a safety concern for users of the project. Using FPCP funds, the bridge and dam were removed. A pedestrian bridge with high rails for pedestrian/bicycle/equestrian use was constructed in its place. A small weir and fish ladder were originally planned to raise the water surface elevation enough to allow an existing gravity-fed water diversion to function as it had with the dam. However, resources agency staff

on a SAFCA-convened technical advisory committee expressed concern that a fish ladder might not function as desired. Instead, with their input, SAFCA constructed an infiltration gallery under the bed of the creek. Water is diverted by pumping through the streambed gravels without any obstruction to fish passage or any risk of impingement of juvenile fish on a fish screen.



Hayer Dam before FPCP project. The dam was operated by placement of steel sheets against the bridge structure and a concrete sill in the creek (not visible in this photo). While impounding water, the dam obstructed upward fish passage and created a large fall for juveniles migrating downstream. The rapid in the foreground was a concrete vehicle crossing.



After removal of Hayer Dam, a weir retains the bed configuration for the infiltration gallery (buried in the streambed upstream of the weir, on the right side of the photo) and a pedestrian bridge with guard railings provides safe public access. A low center chute in the weir allows fish passage during low water conditions. The concrete vehicle crossing shown in the preceding picture is outside the range of this photograph but was also removed during the project.

Task 4: Red Sesbania Eradication

Red sesbania (*Sesbania punicea*) is an invasive riparian shrub native to Brazil. In California riparian areas, it forms a dense monoculture outcompeting native riparian species and providing little habitat value. SAFCA used FPCP funds to eradicate red sesbania in the Dry Creek watershed. Sesbania seeds float and are viable for as long as twenty years, so continued removal was anticipated, including follow-up treatments during the grant term. A red sesbania long-term management plan was prepared, and the FPCP-funded work was the catalyst for an ongoing partnership with the Placer Resource Conservation District and local agencies that is funding continued eradication of sesbania seedlings as they resprout in the watershed.



Dry Creek looking west from Watt Avenue before treatment of red sesbania. Young red sesbania plants are visible in the right fore- and mid- ground, occupying sandbars, preventing colonization of native species, and obstructing flood flows.



Dry Creek looking west from Watt Avenue after treatment of red sesbania. With sesbania removed, more room is available for flood flows and growth of native plants.

Grant Audit

A grant audit was completed pursuant to the FPCP contract requirements and has been submitted separately. It confirms total billings to DWR of \$1,382,743

**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH REQUIREMENTS
APPLICABLE TO THE FLOOD PROTECTION CORRIDOR PROGRAM**

Sacramento Area Flood Control Agency
Sacramento, California

We have audited the compliance of Sacramento Area Flood Control Agency (SAFCA) with the compliance requirements described in the Flood Protection Corridor Program that are applicable to the Flood Protection Corridor Program for period August 2003 through February 2010 and which are outlined below. Compliance with the requirements of laws, regulations, contracts and grants applicable to the Flood Protection Corridor Program is the responsibility of SAFCA's management. Our responsibility is to express an opinion on SAFCA's compliance based on our audit of the compliance requirements described in the Flood Protection Corridor Program as follows:

1. To apply State funds received only to eligible project costs.
2. SAFCA shall account for the money received and disbursed pursuant to this agreement separately from all other agency funds.
3. SAFCA shall maintain audit and accounting procedures that are in accordance with generally accepted accounting principles and practices, consistently applied.
4. SAFCA shall keep complete and accurate records of all receipts, disbursements, and interest earned on expenditures of such funds.
5. SAFCA shall submit annual progress reports to the State summarizing project activities achieved towards work plan completion during the period this agreement remains in effect.
6. During the acquisition phase, SAFCA shall provide progress reports detailing the activities completed for the reporting period, the amount of funds expended and the purpose for those expenditures.
7. All of your records or those of your subcontractors shall be preserved for this purpose for at least three years after project completion.

**INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH REQUIREMENTS
APPLICABLE TO THE FLOOD PROTECTION CORRIDOR PROGRAM**

(Continued)

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on Flood Protection Corridor Program occurred. An audit includes examining, on a test basis, evidence about SAFCA's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of SAFCA's compliance with those requirements.

In our opinion, SAFCA complied, in all material respects, with the requirements referred to above that are applicable to its Flood Protection Corridor Program for the period from August 2003 through February 2010 which represents that period covered by the original Agreement, Amendment 1 and Amendment 2 of the Flood Protection Corridor Program executed by SAFCA and the California Department of Water Resources in March 2004, October 2006 and March 2010, respectively.

This report is intended solely for the information and use of SAFCA, the California Department of Water Resources and management and is not intended to be and should not be used by anyone other than these specified parties.

Perry Smith LLP

Sacramento, California
May 10, 2010



SACRAMENTO AREA FLOOD CONTROL AGENCY
SCHEDULE OF FLOOD PROTECTION CORRIDOR PROGRAM INVOICES
For the Period August 2003 through February 2010

	<u>Invoice Amount</u>
<u>Original Grant</u> (March 2004)	
Q1 2004	\$ 221,984
Q3 2004	129,472
Q4 2004	143,376
Q1 2005	30,129
Q2 2005	10,980
Q3 2005	448,216
Q4 2005	20,426
Q1 2006	18,275
Q2 2006	8,112
Q3 2006	12,117
<u>Amendment 1</u> (October 2006)	
Q4 2006	30,582
<u>Amendment 2</u> (March 2010)	
Q3 2008	100,000
Q4 2008	<u>209,074</u>
	<u>\$ 1,382,743</u>